

REMARKS

The present response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Claims 1-22 are pending in this case. Claim 12 has been rejected under 35 U.S.C. § 112, second paragraph. Claims 5, 10-22 are objected to. Claims 1-3, 6-7 have been allowed. Independent claims 10, 13, 17-18 and dependent claim 5 have been amended. Claims 4, 8-9, 12 have been cancelled. New claims 23-38 have been added.

Response to 35 U.S.C. § 112, Second Paragraph Rejections

The Examiner rejected claim 12 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

In response, Applicant has canceled claim 12 thus making this rejection mute. The Examiner is respectfully requested to withdraw the § 112, second paragraph rejection.

Response to Claim Objections

The Examiner has objected to claims 5, 10-22 due to several formalities. Applicant has amended claims 5, 10-22 in accordance with the suggestions of the Examiner.

Regarding claim 17, support for the means plus function as recited therein is found in the block diagram of the transmitter 10 as shown in Figure 1. Support in the specification is found in the specification in paragraphs [0042] through [0047]. Therefore, Applicant respectfully traverses the claim objections and request favorable reconsideration.

New Claims 23-38

New claims 23-38 have been added. Independent claim 23 is directed to a method for generating a start of packet synchronization sequence wherein the sequence comprises a plurality of time delays. The time delays associated with a synchronization sequence are chosen to be substantially orthogonal to the time delays associated with other synchronization sequences. Independent claim 31 is directed to a method for generating a start of packet synchronization sequence wherein the sequence comprises a plurality of time delays. The time delays associated with a synchronization sequence are chosen to yield a high autocorrelation function for a

respective synchronization sequence and a low cross-correlation function for each pair of synchronization sequences. Support for these new claims is found in paragraphs [0086] and [0088]. Prompt notice of allowance of new claims 23-38 is respectfully solicited.

Conclusion

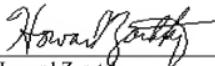
In view of the above amendments and remarks, it is respectfully submitted that independent claims 1, 10, 13, 17, 23, 31 and hence dependent claims 2-3, 5-7, 11, 14-16, 18-22, 24-30, 33-38 are now in condition for allowance. Prompt notice of allowance is respectfully solicited.

In light of the Amendments and the arguments set forth above, Applicant earnestly believes that they are entitled to a letters patent, and respectively solicit the Examiner to expedite prosecution of this patent applications to issuance. Should the Examiner have any questions, the Examiner is encouraged to telephone the undersigned.

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Respectfully submitted,

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